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DISCOVERY OF COMET *e* 1898 (PERRINE).

This comet was discovered in the morning of June 15th, in the constellation *Camelopardalis*. At 23<sup>h</sup> 22<sup>m</sup> 34<sup>s</sup> G. M. T. of June 14th, the comet's position was  $\alpha = 3^{\text{h}} 29^{\text{m}} 0^{\text{s}}.99$ ,  $\delta = + 58^{\circ} 35' 22''.3$ . It was then moving slowly south and more rapidly east. The elements as computed from the first three observations will be found elsewhere in this number of the *Publications*. These elements bear considerable resemblance to those of the comet 1785 I, especially with regard to  $\omega$  and  $\iota$ , the resemblance being closer than was the case with the comet *b* 1898, pointed out in No. 62 of these *Publications*. Comet *e* 1898 appears to be another member of this same family.

At the time of discovery the comet was not so bright as Comet *b*, its brightness being estimated at about 10 or a little fainter. It has been steadily increasing in brightness and is now estimated to be 9 or 9½ magnitude, brighter than Comet *b*. A rather sharp nucleus has developed within the past week and is now estimated to be about 13th magnitude.

Comet *e* has been moving in the same general direction as Comet *b*, and as its geocentric motion has been much more rapid it has overtaken the latter and passed it in both co-ordinates. On the morning of June 27th, the two comets were within about one-quarter degree of each other, both visible in the lowest power field of the 12-inch telescope.

Comet *e* is moving rapidly south and east, and hence its location is becoming more unfavorable for observation. Towards the middle of August it will pass the Sun going south, after which it will soon be lost to northern observers. Owing to the resemblance already pointed out, it seems important to observe it as long as possible.

C. D. PERRINE.

MT. HAMILTON, Cal., 1898, June 29.

ERRATA IN STAR CATALOGUES.

*Lalande* 31379. The declination of this star appears to be in error by 1'. A micrometer comparison with *Radcliffe* 4514 on June 2d indicates that the N. P. D. of *Lalande* 31379 should be 100° 25' 39''.8.

WEISSE'S *Bessel XVIII*, 1327 appears to be in error in declination by 2'. A micrometer comparison with 1323 on June 2d shows that the declination of 1327 should be  $-13^{\circ} 44' 10''.5$ .

C. D. PERRINE.

MT. HAMILTON, Cal., June 7, 1898.